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Waste Isolation Pilot Plant
Westinghouse Electric Corporation
Carlsbad, New Mexico
Chairmen, WIPP Lessons Learned
Committee

Location of WIPP

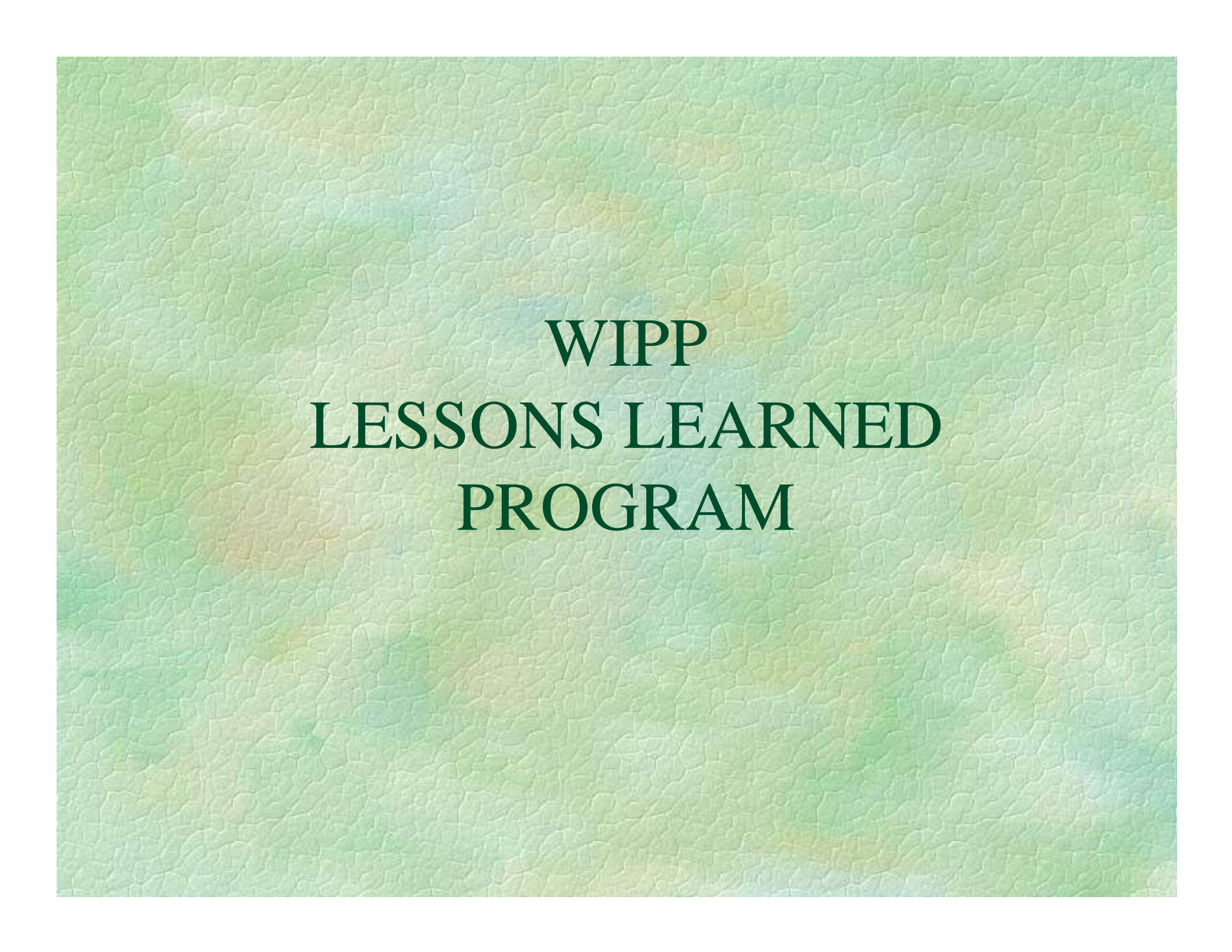
- ✿ Located in southeastern New Mexico, 26 miles east of Carlsbad, New Mexico
- ✿ Waste is stored in disposal rooms excavated in ancient stable salt formations
- ✿ Waste is stored 2,150 feet underground

Purpose of WIPP

- Designed to permanently dispose of defense-generated transuranic radioactive waste from research and production of nuclear weapons
- Transuranic waste consists of clothing, tools, rags, debris, residues and other disposable items contaminated with radioactive elements, mostly plutonium
- Approximately 120 shipments have been received year-to-date

Additional information

✿ For more information about WIPP, call
1-800-366-9477, or visit our web site
at <http://www.wipp.carlsbad.nm.us>

The background of the slide is a green textured surface, resembling leather or a similar material, with a pattern of small, irregular, raised and recessed areas.

WIPP LESSONS LEARNED PROGRAM

Purpose of Lessons Learned Program

- Distribute applicable Lessons Learned bulletins to WIPP Department managers to improve plant safety and reliability

Lessons Learned Working Group

❧ Lessons Learned Working Group consists of representatives from the following departments:

- Quality Assurance
- Environment, Safety, and Health
- Engineering
- Human Resources
- Operations/Maintenance

Lessons Learned Working Group (continued)

- ❧ Members have expertise in respective areas and WIPP processes
- ❧ Representatives serve a minimum of six months
- ❧ Lessons Learned Working Group reports to the Environment, Safety, and Health manager
- ❧ Source document for Lessons Learned Working Group is Management Charter (MC) 9.20, Rev. 1, *Lessons Learned Working Group*

Lessons Learned Sources

❧ Lessons Learned Bulletins are developed from information contained in:

- Nuclear Regulatory Commission Bulletins/Notices
- DOE Safety Notices
- External ORPS Reports
- Internal ORPS Reports
- DOE List Server Reports
- MSHA Fatal Grams
- Responsible Manager and Facility Manager Designee Investigative Reports

Reviewing Lessons Learned Material

- ✧ Lessons Learned Material is reviewed for applicability by the Lessons Learned Working Group
- ✧ Lessons Learned material is deemed applicable if it meets the following criteria:
 - Contains information having potential or immediate impact on plant equipment
 - Poses impact to safety and health of facility personnel
 - Identifies good work practices
 - Information that may have implications to WIPP Operations

Developing Lessons Learned Bulletins

- ❧ One page Lessons Learned Bulletins are developed from material deemed applicable
- ❧ Lessons Learned Bulletin consists of:
 - Brief description of event
 - Cause of event
 - Lesson to be learned
 - Applicable references

Distributing Lessons Learned Bulletins

- ❧ Lessons Learned Bulletins are distributed to WIPP department managers via hardcopy
- ❧ WIPP department managers distribute applicable Lessons Learned Bulletins though their Required Reading Program

FEEDBACK

- ❧ Feedback form accompanies all Lessons Learned Bulletins
 - Feedback form measures the effectiveness of the Lessons Learned Program
- ❧ The department manager indicates the action taken by completing the feedback form
 - Lessons Learned Bulletin applicable
 - Placed in Required Reading
 - Change Made to Procedure
 - Change Made to Equipment Design
 - Change Made to Personnel Qualification Requirements
 - Cost Avoidance
 - Change in Training Requirements
 - Other
- ❧ Feedback form is returned to the Lessons Learned Working Group Chairmen

Summary

- ✿ Approximately 3000 Lessons Learned materials reviewed during year
- ✿ Approximately 190 Lessons Learned developed from the Lessons Learned material
- ✿ Approximately 80% of the Lessons Learned Bulletins distributed to department managers deemed applicable
- ✿ Approximately 95% of Lessons Learned Bulletins placed in Required Reading Programs